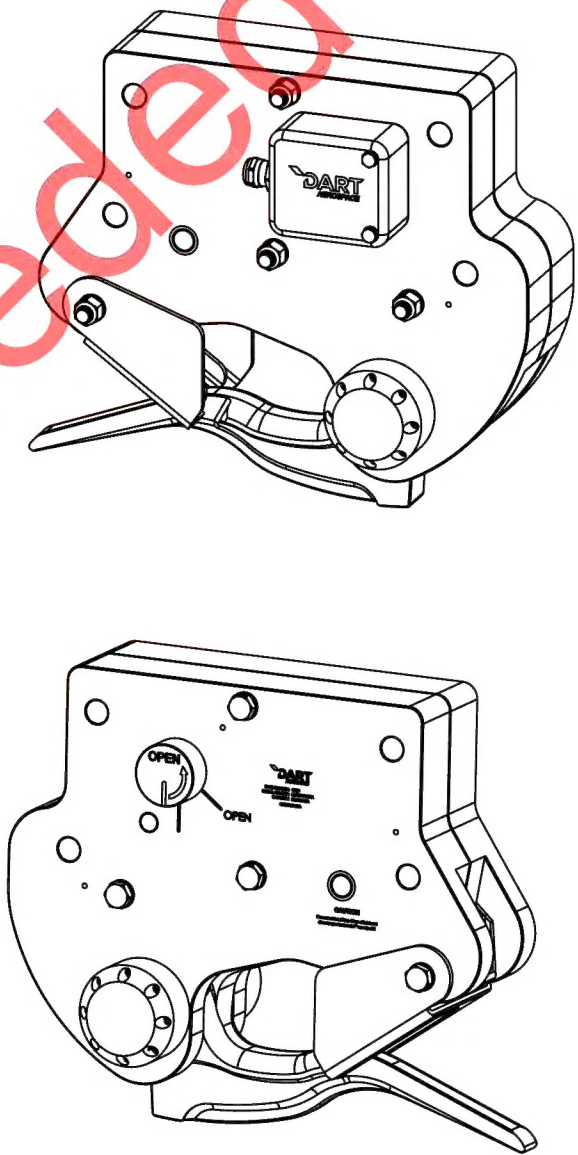


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		B/O	C10-9-2	1	LATCH BEARING		(TORRINGTON #6NBC914YZP)	3
			C10-11	1	MANUAL RELEASE KNOB	6061		2
		B/O	C10-21-4	16	LOCK WASHER	STEEL	# 10 LOCK WASHER (MCMASTER-CARR #91102A740)	2
		B/O	C10-23-2	2	KEEPER SPRING	SS 303		2
		B/O	C10-41	1	STRAIN RELIEF CONNECTOR	BRASS	(MCMASTER-CARR #6907K14)	2
		B/O	C20-570	1	LOCK RETURN SPRING	302		3
		B/O	C20-720	1	LEVER ARM BEARING		(KAMAN 6NBF817YJ)	3
		B/O	C20-735	1	LEVER ARM RETURN SPRING	303		3
		B/O	C20-740	1	LINK SPRING	303		3
		B/O	C45-3-2-1	2	SNAP RING	STEEL	Ø3/8 (KAMAN 1400-0037)	3
		B/O	C45-3-4-1	6	RETAINING RING	BERYLLIUM COPPER	3/16 SHAFT (MCMASTER-CARR #98410A110)	3
			C45-8-4	1	SOLENOID COVER GASKET	BLENDED RUBBER		2
			C45-8-5	1	SOLENOID COVER	6061		2
			C250-100	1	SIDE PLATE COVER	6061		2
			C250-200	1	SIDE PLATE HOUSING	6061		2
		B/O	PC250-120	3	LOCATION PIN	S.S.	5/16 X 2 (MCMASTER-CARR #90145A591)	2
		B/O	PC250-130	3	BOLT	STEEL	1/2-20 X 5 (MCMASTER-CARR #91257A755)	2
			PC250-220	1	LOWER LOCK BUMPER	POLYURETHANE		2
			PC250-230	2	UPPER LOCK BUMPER	POLYURETHANE		2
			PC250-330	2	BUMPER LOAD BEAM	URETHANE, DUROMETER 80A		2
			PC250-300A	1	LOAD BEAM ASSEMBLY			2
		B/O	PC250-320	2	BUSHING		(KAMAN #SF-4048-16)	2
			PC250-400	1	KEEPER ASSEMBLY			2
		B/O	PC250-410	4	BUSHING		(KAMAN #SF-1622-8)	2
		B/O	PC250-450	1	BOLT	STEEL	1/2-20 X 5-1/2 (MCMASTER-CARR #91257A758)	2
			PC250-480	1	KEEPER SPRING SPACER	DELRIN, BLACK		2
			PC250-500A	1	LOCK ASSEMBLY			3
			PC250-510	1	ROLLER PIN	4140/4142		3
			PC250-520	1	ROLLER	4140/4142		3
		B/O	PC250-540	2	BUSHING		(KAMAN #SF-2430-16)	3
		B/O	PC250-550	2	RETAINING RING	STEEL	Ø5/8 (KAMAN 5100-0062SPP)	3
		B/O	PC250-560	2	ANCHOR PIN	S.S.	Ø3/16 X 3 (MCMASTER-CARR #92373A271)	2
			PC250-600A	1	BELL CRANK ASSEMBLY			3
			PC250-610	1	PIN	4140/4142		3
		B/O	PC250-650	2	BELL CRANK BUSHING		(KAMAN #SF-2432-12)	3
			PC250-700	1	LEVER ARM	4140/4142		3
			PC250-710	1	LEVER BEARING PIN	4140/4142		3
			PC250-715	1	LEVER BEARING SHAFT	4140/4142		3
			PC250-750	1	LINK	O-1		3
			PC250-760	2	LINK PIN	4140/4142		3
			PC250-775	2	LEVER ARM BUSHING	4140/4142		3
		B/O	PC250-800	2	CLOCK SPRING	301 S.S.		2
			PC250-810	2	SPRING COVER	6061-T6		2
			PC250-900A	1	SOLENOID ASSEMBLY			2
		B/O	188-FPSS-1032-1/4	2	SET SCREW	S.S.	10-32 X 1/4 (MCMASTER-CARR #94355A330)	3
		B/O	188-FPSS-1/4 20-3/8	2	SET SCREW	S.S.	1/4-20 (MCMASTER-CARR #92313A535)	2
		B/O	188-FSCS-1032-1 1/4	16	SCREW	S.S.	SHCS 10-32 X 1-1/4 (MCMASTER-CARR #92196A276)	2
		B/O	AN4-23A	2	BOLT	STEEL	1/4-28 X 2.41	2
		B/O	AN960-416	3	WASHER	STEEL	Ø1/4	2
		B/O	AN960-416L	2	WASHER	STEEL	Ø1/4	2
		B/O	AN960-816	8	WASHER	STEEL	Ø1/2	2
		B/O	MS21083N4	2	NYLOCK NUT	STEEL	1/4-28	2
		B/O	MS21044N8	4	LOCK NUT	STEEL	1/2-20	2
		B/O	MS27039-4-08	1	SCREW	STEEL	1/4-28 X 17/32	2
		B/O	32448	2	16-14 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32448)	2
		B/O	EL-PLUG-M	1	MALE PLUG	PE High Density	(MCMASTER-CARR #7216K5)	2
			EL314-SJTOW	1	ELECTRICAL WIRE 3/14 SJTOW			2
		B/O		1	HEAT SHRINK TUBE	RUBBER	(MCMASTER-CARR #2595K22)	N/S

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0222	CH'D TITLEBLOCK WAS RED BARN IS DART. <b>PC250-470</b> DELETED. CH'D P/N'S WAS PC250-140 IS AN960-816L, WAS PC250-150 IS MS21044N8, WAS PC250-440 IS C10-23-2, WAS PC250-460 IS AN960-816, WAS PC250-570 IS C20-570, WAS PC250-630 IS C10-11, WAS PC20-720 IS C20-720, WAS PC250-735 IS C20-735, WAS PC250-740 IS C20-740, WAS PC250-920 IS AN960-416L, PC250-930 IS MS21083N4, WAS PC250-940 IS C45-8-5, WAS PC250-950 IS C45-8-4, WAS PC250-960 IS AN4-23A, WAS PC250-965 IS MS27039-4-10, WAS PC250-970 IS AN960-416. <b>MS21044N8</b> CH'D QTY WAS 3 IS 4.	11/26/2014	DPD	JAG
2	15-0266	<b>PC250-620</b> REPLACED W/ <b>C45-3-4-1</b> . <b>PC250-640</b> REPLACED W/ <b>188-FPSS-1/4 20-3/8</b> . <b>PC250-705</b> REPLACED W/ <b>188-FPSS-1032-1/4</b> . <b>PC250-725</b> REPLACED W/ <b>C45-3-2-1</b> . <b>PC250-730</b> REPLACED W/ <b>C10-9-2</b> . <b>PC250-820</b> REPLACED W/ <b>188-FSCS-1032-1 1/4</b> . <b>PC250-830</b> REPLACED W/ <b>C10-21-4</b> . <b>AN960-816</b> CH'D QTY WAS 2 IS 8. <b>AN960-816L</b> DELETED. <b>MS27039-4-10</b> REPLACED W/ <b>MS27039-4-08</b> . <b>32446</b> DELETED. ADDED ENGRAVE NOTES & DETAILS.	9/18/2015	DPD	JAG

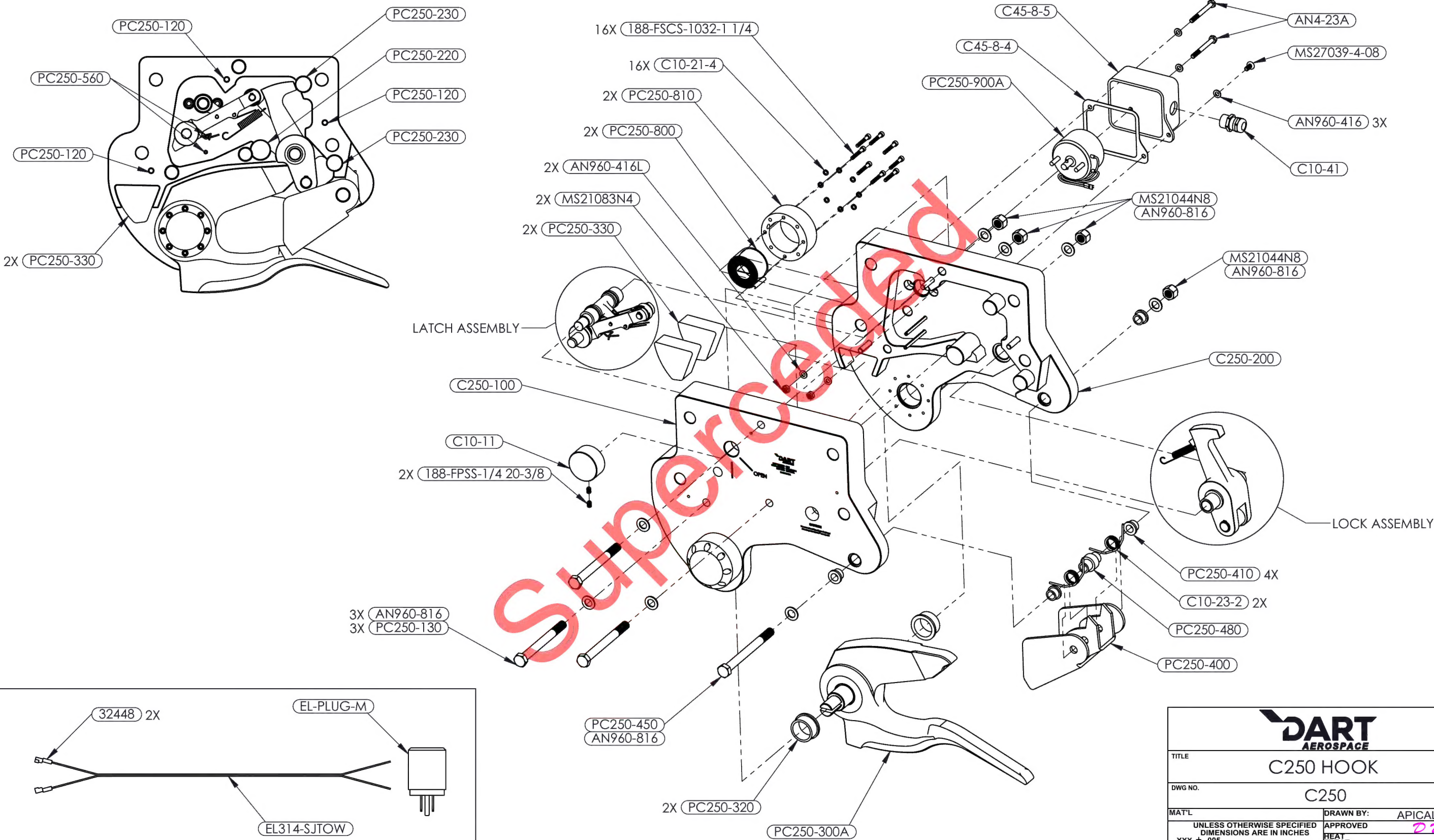


TITLE C250 HOOK		
DWG NO. C250		REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: APICAL APPROVED <i>D Weil</i> TREAT FINISH SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL	
SCALE 1:6	DATE 6/4/2004	SHEET 1 OF 3



This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



WIRE ASSEMBLY - 1 PER ASSEMBLY  
WHEN INSTALLING TO SOLENOID USE 2 SECTIONS  
OF HEAT SHRINK TO SEAL CONNECTIONS.  
PLUG INCLUDED LOOSE IN KIT.

DART AEROSPACE			
TITLE C250 HOOK			REV 2
DWG NO. C250			
MATERIAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: APICAL APPROVED: <i>D. Weil</i> TREAT FINISH SPEC USED ON MODEL	
SCALE 1:6	DATE 6/4/2004	SHEET 2 OF 3	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

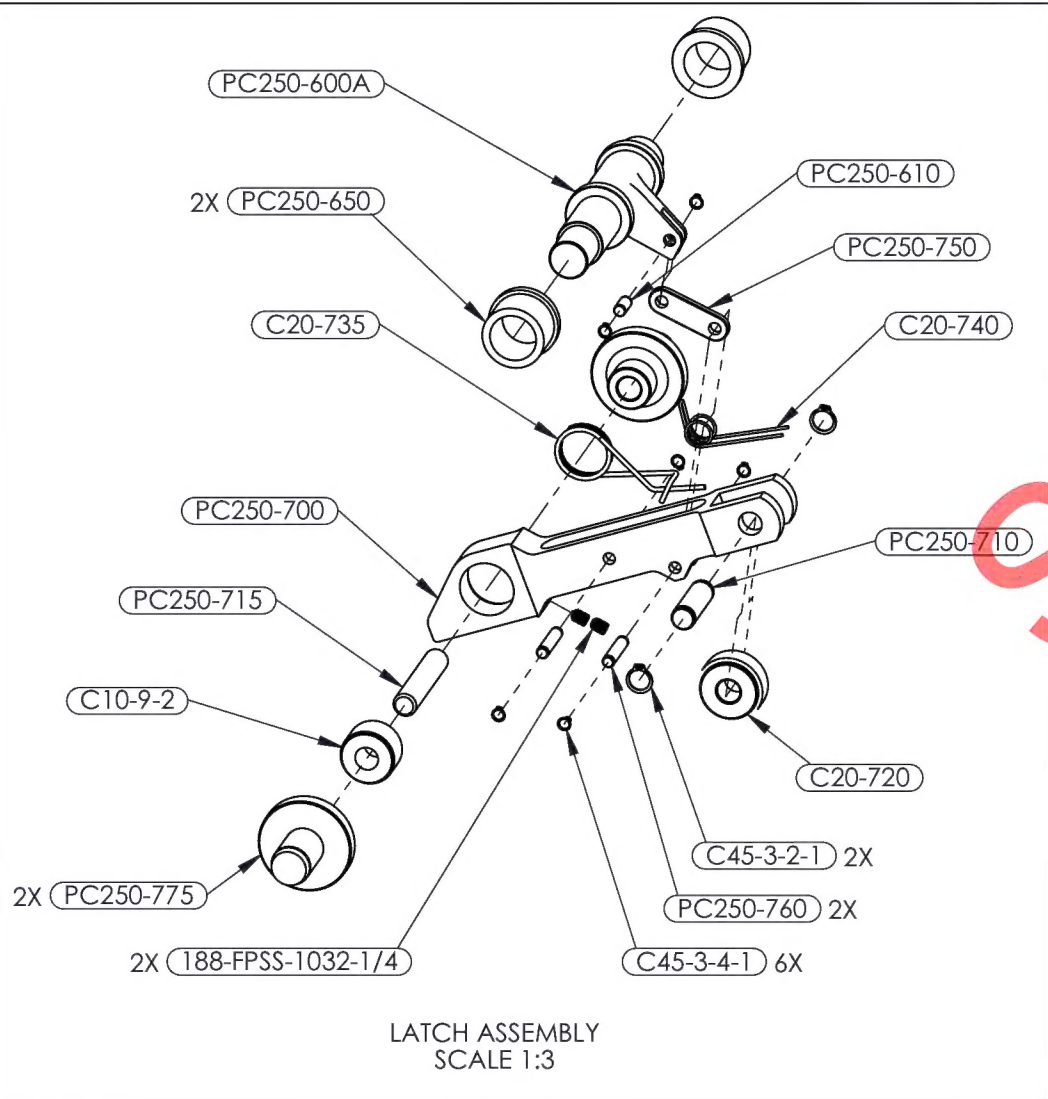
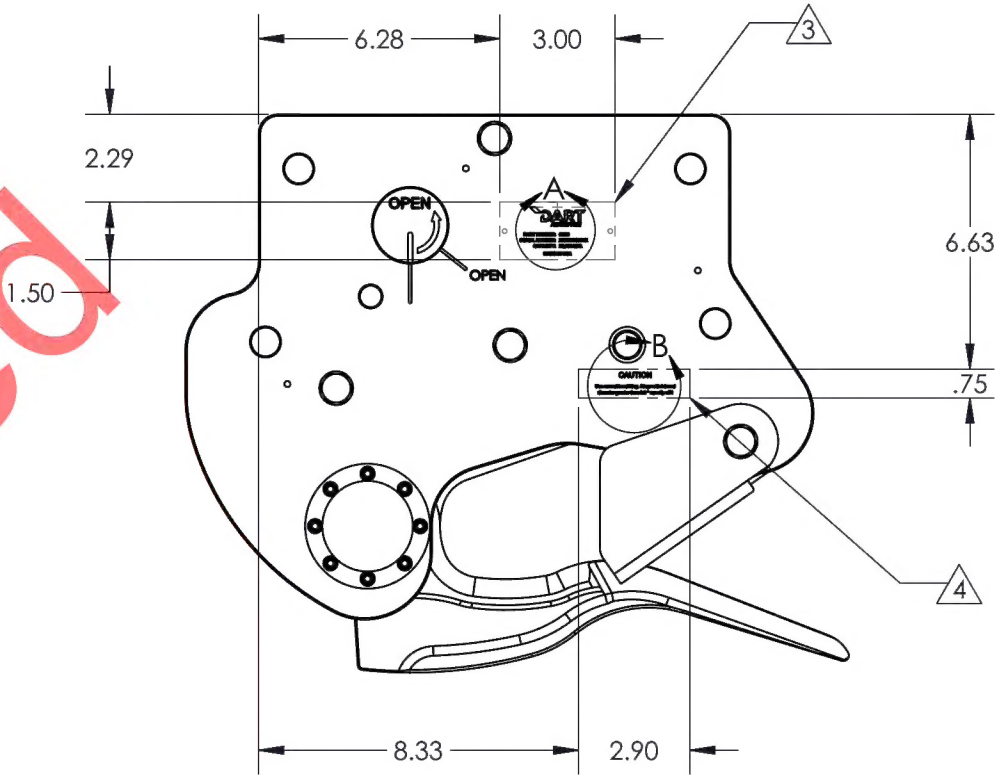
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2	15-0266	ADDED ENGRAVE NOTES & DETAILS.	9/18/2015	DPD
				APPROVED JAG



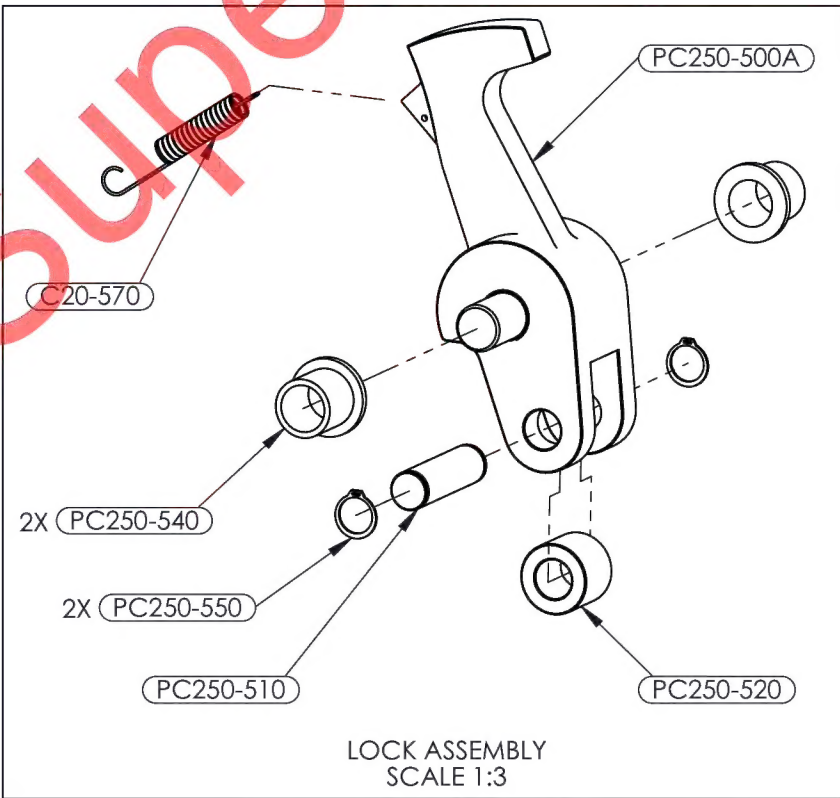
DETAIL A  
SCALE 1 : 1



DETAIL B  
SCALE 1 : 1



LATCH ASSEMBLY  
SCALE 1:3



LOCK ASSEMBLY  
SCALE 1:3

- NOTES:
- 3 LASER ENGRAVE DART LOGO, P/N, S/N, "MADE IN USA," WITHIN BOUNDARY.
  - 4 LASER ENGRAVE CAUTION NOTE, WITHIN BOUNDARY.

DART AEROSPACE			
TITLE C250 HOOK			
DWG NO. C250			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1		DRAWN BY: APICAL APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
SCALE 1:5	DATE 6/4/2004	SHEET 3 OF 3	